

CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

PRECAUCIÓN

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

ATTENTION

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

LEGEND

DEVICE DESIG.	DESCRIPTION	LINE NUMBER
1CB10	CIRCUIT BREAKER - COMPRESSOR	13
1CB11	CIRCUIT BREAKER - COMPRESSOR	18
1CB12	CIRCUIT BREAKER - COMPRESSOR	8
1CB14	CIRCUIT BREAKER - COMPRESSOR	8
1CB8	CIRCUIT BREAKER - COMPRESSOR	18
1CB9	CIRCUIT BREAKER - COMPRESSOR	13
1F12	FUSE - TRANSFORMER	55
1F13	FUSE - TRANSFORMER	55
1F4	FUSE - CONDENSER FAN	31
1F5	FUSE - CONDENSER FAN	32
1F6	FUSE - CONDENSER FAN	33
1F7	FUSE - CONDENSER FAN	45
1F8	FUSE - CONDENSER FAN	45
1F9	FUSE - CONDENSER FAN	45
1K1	CONTACTOR - COMPRESSOR	16,17,18,19
1K10	CONTACTOR - CONDENSER FAN	40,41,42
1K11	CONTACTOR - CONDENSER FAN	46,47,48
1K12	CONTACTOR - CONDENSER FAN	49,50,51
1K13	CONTACTOR - CONDENSER FAN	52,53,54
1K14	CONTACTOR - CONDENSER FAN	58,59,60
1K2	CONTACTOR - COMPRESSOR	11,12,13,14
1K3	CONTACTOR - COMPRESSOR	11,12,13,14
1K4	CONTACTOR - COMPRESSOR	16,17,18,19
1K5	CONTACTOR - COMPRESSOR	6,7,8,9
1K6	CONTACTOR - COMPRESSOR	6,7,8,9
1K7	CONTACTOR - CONDENSER FAN	28,29,30
1K8	CONTACTOR - CONDENSER FAN	31,32,33
1K9	CONTACTOR - CONDENSER FAN	34,35,36
1T1	TRANSFORMER - POWER CONTROL	57
1U3	PHASE MONITOR - POWER	22
3B1	COMPRESSOR	19
3B1HR12	HEATER - CRANKCASE	16
3B2	COMPRESSOR	14
3B2HR13	HEATER - CRANKCASE	11
3B3	COMPRESSOR	9
3B3HR14	HEATER - CRANKCASE	6
3B4	COMPRESSOR	19
3B4HR15	HEATER - CRANKCASE	16
3B5	COMPRESSOR	14
3B5HR16	HEATER - CRANKCASE	11
3B6	COMPRESSOR	9
3B6HR17	HEATER - CRANKCASE	6
4B1	MOTOR - CONDENSER FAN	29
4B2	MOTOR - CONDENSER FAN	35
4B3	MOTOR - CONDENSER FAN	41
4B4	MOTOR - CONDENSER FAN	26
4B5	MOTOR - CONDENSER FAN	32
4B6	MOTOR - CONDENSER FAN	38
5B1	MOTOR - CONDENSER FAN	47
5B2	MOTOR - CONDENSER FAN	53
5B3	MOTOR - CONDENSER FAN	59
5B4	MOTOR - CONDENSER FAN	44
5B5	MOTOR - CONDENSER FAN	50
5B6	MOTOR - CONDENSER FAN	56

AREA	DEVICE PREFIX	LOCATION CODE
1	CONTROL BOX	
3	COMPRESSOR SECTION	
4	EXTERNAL MOUNTED COMPONENTS	
5	EXTERNAL MOUNTED COMPONENTS	
6	CUSTOMER OR FIELD PROVIDED	
7	OPTIONAL CONTROL PLATE (AREA 1)	
8	SHIP W/ FIELD INSTALLED DEVICE	

IMPORTANT!

DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

NOTES:

- SOLID LINES INDICATE TRANE WIRING. DASHED LINES INDICATE FIELD WIRING. PHANTOM LINES INDICATE OPTIONAL FEATURES.
 - UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF THE CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT; AN OPEN ARROWHEAD BELOW THE LINE NUMBER POINTING UPWARD, INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED; A TERMINAL SYMBOL WITH AN "X" IN IT INDICATES A CUSTOMER CONNECTION TERMINAL BLOCK.
- 6 460V/60HZ TRANSFORMER (1T1) SHOWN. SEE INSET "A" FOR OTHER VOLTAGE CONNECTIONS.
- 7 FUSES (1F12 & 1F13) AND WIRES 163A,164A,305F,306F ARE USED WITH ALL VOLTAGES EXCEPT 575 VOLT. ON 575V UNITS CONNECT WIRES 305F AND 306F FROM FUSES 1F8 AND 1F9 TO TRANSFORMER 1T1.
- 8 CIRCUIT AS SHOWN IS FOR CUSTOMER SUPPLIED EVAP FAN. WHEN "EVP" OPTION IS REQUIRED, THIS CIRCUIT BECOMES A CIRCULATING PUMP. (MOTOR 6B1, CONTACTOR 6K1 AND SWITCH 6S1)
- 11 FOR 380V/415V/50HZ APPLICATIONS CUT JUMPER ON 1U3 PHASE MONITOR.

TRANE	FILE NUMBER:	DRAWING NUMBER:	SHEET:	REV:
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DRAWN BY: D. SHANNON	TRANE DATE: 4-18-11	REVISION DATE: 2307-9132-D		
CAD SYSTEM USED: PLOT/DRAWING	SCALE: TO			
		POWER SCHEMATIC - RA 80-120 TON		
		SCHEMATIC 1 OF 2		